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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/942,304	08/30/2001	Robert de Sylva		8214

7590 03/03/2005
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EXAMINER

SAVAGE, MATTHEW O

ART UNIT	PAPER NUMBER
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1724

DATE MAILED: 03/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Continuation of Substance of Interview including description of the general nature of what was discussed: Discussed the following amendments to place the application in condition for allowance.

In the declaration:

Insert the word -SUPPLEMENTAL-- before "DECLARATION" in the title;

In the first paragraph of page 1, change "6/12/04 and received into PAIR system 6/15/04" to -on 1/19/05--;

On line 3 of the second full paragraph of page 3, delete "approximately";

On line 3 of the first full paragraph of the last page, change "may also facilitate" to -facilitates--.

In the specification:

On line 3 of the third paragraph of page 1, change "leeks" to -leaks--;

On line 6 of the second full paragraph of page 10, change "66" to -54--;

On line 3 of the second full paragraph of page 12, change "80" to -88--.

On line 6 of the second full paragraph of page 18, the reference number "82" should be shown in FIG. 6 (provide a proposed drawing correction along with a formal drawing).

In the claims:

On lines 1-2 of claim 5, delete "biased in an open direction" since no structure for biasing appears to be disclosed in the specification;

11. (currently amended) The system of Claim 1 further including [[an electromagnetic]] a heater coil disposed about said evaporation chamber[[, said electromagnetic coil acting as both a heater and an electromagnet, and wherein said fluid cleaning system includes additional channels that maintain said metallic contaminants when said electromagnetic coil is not powered]]. (to obviate the rejections under 35 U.S.C. 112);

13. (currently amended) The system of Claim 12 wherein said evaporation chamber includes an evaporation surface that is at least partially surrounded by [[an electromagnetic]] a heater coil and one or more spiral capillary channels (to obviate the rejections under 35 U.S.C. 112).

15. (currently amended) An efficient fluid cleaning system comprising:

first means for changing the pressure of a fluid from a first pressure to a second

pressure, said second pressure lower than said first pressure and sufficient to cause cavitation of contaminants in said fluid;

second means for distributing said fluid within an evaporation chamber at said

second pressure via one or more spiral capillary channels and one or more cavitation jets to facilitate evaporation of contaminants within said fluid;

a [[an electromagnetic]] heater coil for [[simultaneously]] heating said evaporation chamber and [[removing metallic particles from circulation within said fluid]]; and

a filter for removing solid contaminants from said fluid, said filter surrounding said evaporation chamber; and

a space between an oil inlet and said filter to facilitate distribution of fluid about

one or more input surfaces of said filter. (to obviate the rejections under 35 U.S.C. 112);

Cancel non-elected claims 16-20.

Mr. de Sylva agreed to submit an amendment including the above changes.